




KING COUNTY
Department of Transportation
King County International Airport/Boeing Field
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June 27, 2003

TO: Nora Huey, Supervisor
Professional and Contract Services Section

FROM: 
Robert I. Burke, AAE, Airport Director
King County International Airport

SUBJECT: Award Contract No. C33080C to Colvico Inc. for King County International Airport Recabling of Taxiway Alpha Lighting System.

The memorandum is requesting your approval for the following actions:

1. Approve the plans and specifications for Contract No. C33080C now on file with King County for use of this project;
2. Accept the bid of Colvico, Inc. at a contract price of \$101,968.00 for Contract No. C33080C and within the terms and provisions thereof, and execute this contract on behalf of King County.
3. Approve a 15 percent contingency fund for the contract.

Staff has reviewed the bid and the bidder's qualifications and has determined Colvico Inc. is the lowest responsive and responsible bidder.

Background and Description of Work

The Airport is proposing to replace the electrical cabling for the Taxiway Alpha lighting system. The proposed upgrades will replace the existing cabling that is at the end of its useful and economic life. Most of the existing cabling was installed in the 1960 and the recent Meg readings indicate the insulation has rapidly degraded over the last few years.

The project will remove the existing electrical cabling and installing new cabling and transformers for the Taxiway Alpha lighting system. The Taxiway lighting system powers the taxiway lights, guidance signs, and windsock lights.

Solicitation

Bids were solicited using standard advertised contract procurement procedures.

Bidding

Firm	Total Bid Price	Rank
Colvico, Inc.	\$ 101,968.00	1
Innovative Electric, Inc.	\$ 118,510.00	2
SASCO Electric	\$151,587.00	3
Mastercraft Electric	\$151,587.00	4
Fox Electric	\$ 202,729.00	5
Engineer's Estimate	\$163,374.21	

Bidder Evaluation

Qualification Information from Colvico Inc. was reviewed. Three references that represented four previous Airport projects were interviewed. Colvico was the prime contractor on all four projects. All of the referenced projects were larger in scope, but all the projects required the same skill and resources as the proposed project. All of the references felt that Colvico possess the necessary skills and resources to successfully complete the proposed project. Reference checks included projects at the Whidbey Island Navy Base, Spokane Airport, Bremerton Airport and the Arlington Airport.

A bid evaluation conference was held with the bidder to determine if the entire scope of work was covered in the bid and to reconcile the difference between the low bid and the engineer's estimate. The bidder enumerated all the components of the project scope, and his methodology used to prepare the bid.

The bidder has performed a number of larger jobs than this, and expects higher labor productivity to install the cable. Higher rates were used in the engineer's estimate for the contingency and labor mark-ups. The bidder has several existing projects in the Seattle area that will save on the mobilization costs. The bidder does not have to pay for an electrical permit, so included no cost. All other costs and the labor rates were very close.

Based on the review, it was determined that the contractor's bid covered the complete scope of work as defined by the plans and specifications.

Construction Permits

None required.

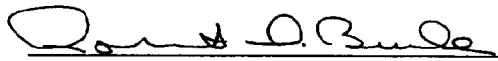
Project Budget

The requested amount to be encumbering for this contact is \$120,242.80, which is the bid price plus sales tax (at 8.8%) and a 15 percent contingency for any unforeseen site conditions.

The project will be funded through a project in the Airport's Capital Improvement Plan. The remaining budget available for this project is \$197,197.00. The ARMS coding information is as follows:

Cost Center	1701
Account	53108
Project	001374
Fund	000003380

Inclusion in the appropriated budget is verified by:



Robert I. Burke, AAE – Airport Director
King County International Airport

Recommendation

The bid price is within the available funds. Colvico, Inc. has successfully performed many similar electrical projects for various local airports. The project manager has reviewed and found both the submitted information and the contractor's track record to be satisfactory and therefore recommends awarding the contract.

Approval to award is granted by your signature below:

Nora Huey, Supervisor
Professional and Contract Services Section

Date